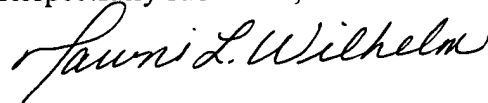


REMARKS

The application has been amended to replace the Sequence Listing with the attached substitute Sequence Listing. Submitted herewith is the substitute Sequence Listing (Appendix A) and a marked-up version of the substitute Sequence Listing with markings to show changes made (Appendix B). It is respectfully submitted that no new matter has been added by the amendment. Modifications were made in response to the Notice to Comply. Such modifications include a change in the line indicator of SEQ ID NO: 53 to reflect that the sequence contains 8 nucleotides and not 7, a more particular delineation in the "Features" portion of SEQ ID NOS: 77, 81 and 84 to indicate which amino acid positions contain the "Xaa" indicator and what it means, and a deletion of the spaces following the last line of SEQ ID NO: 87.

If any questions remain after consideration of the instant amendments, the Office is kindly requested to contact applicants' attorney at the address or telephone number given herein.

Respectfully submitted,



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Date: October 9, 2002

ACT/TLW/sw